

## AMENDMENTS TO THE SPECIFICATION

Please amend the specification, with prejudice, as follows where bolding and underlining identify added material and strikethroughs identify deleted material:

*Amendments to first paragraph of page 2 (lines 5-14):*

### CROSS-REFERENCE TO RELATED APPLICATIONS

The present application for United States Patent is a Rule 53(b) nonprovisional continuation patent application based upon, and claims the priority of, U.S. nonprovisional patent application Serial No. 10/038,111, filed 02 January 2002, entitled Capacitive Sensor Systems and Methods with Increased Resolution and Automatic Calibration and the following U.S. Provisional Applications for Patent assigned to iRobot Corporation of Somerville, MA, the assignee of the present application:

Serial No. 60/259,360, filed January 2, 2001, entitled "Toy Sensors"; and Serial No. 60/266,260, filed February 2, 2001, entitled "Capacitive Sensor".

Each of these applications is incorporated by reference herein as if set forth in its entirety.